	Application No.	Applicant(s)
Notice of Allowability	09/883,776	SUBRAMANIAM ET AL.
	Examiner	Art Unit	
	Kuen S Lu	2177	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *amendments filed on 10/18/2004*.

2. ☒ The allowed claim(s) is/are *1-3,5-8,10-13,15-18,20-23, 25-28 and 30*.

3. ☒ The drawings filed on *18 June 2001* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☐ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

DETAILED ACTION

1. This communication is responsible to the Amendment filed on October 18, 2004.

2. The Examiner noted the Amendment to the Specification, filed on August 26, 2004, which cancelled Claims 9, 19 and 29 and amended Claims 1, 10-11, 20-21 and 30. The Examiner further noted the Amendments, filed on October 18, 2004, which further cancelled Claims 4, 14 and 24.

3. After a thorough search and examination of the present application and in light of the prior art made of record, Remarks and Amendment under 37 C.F.R. § 1.116, amended Claims 1-3, 5-8, 10-13, 15-18, 20-23, 25-28 and 30 are allowed.

Examiner's Amendment

4. The Examiner's Amendment to the record appears below. The changes are made to further clarify the term "search index related file attachments". The Applicant agreed to the Examiner's Amendment during a telephone interview conducted on 12/23/2004. The term, appearing in claims 1, 11 and 21, has been amended to "search index related **to** file attachments ". **Accordingly, claim 1 is amended from,**

"A method comprising: configuring search indices on a server, the search indices being associated with corresponding business components;

displaying the search indices to a user of a client, the client being connected to the server via a computer network and being configured to perform search using data records stored on the client;

providing the user of the client with a mechanism to individually select one or more search indices for download onto the client; and

downloading the one or more selected search indices from the server onto the client,

the one or more selected search indices to be used for searching on the client, wherein

search index related information including index identifier and search engine identifier is

stored in a first table and search index related file attachments are stored in a second

table", **to**

"A method comprising: configuring search indices on a server, the search indices being

associated with corresponding business components;

displaying the search indices to a user of a client, the client being connected to the

server via a computer network and being configured to perform search using data

records stored on the client;

providing the user of the client with a mechanism to individually select one or more

search indices for download onto the client; and

downloading the one or more selected search indices from the server onto the client,

the one or more selected search indices to be used for searching on the client, wherein

search index related information including index identifier and search engine identifier is

stored in a first table and search index related **to** file attachments are stored in a second

table";

claim 11 is amended from,

"A system comprising: logic to configure search indices on a server, the search indices

being associated with corresponding business components;

logic to display the search indices to a user of a client, the client being connected to the

server via a computer network and being configured to perform search using data

records stored on the client;

logic to provide the user of the client with a mechanism to individually select one or

more search indices for download onto the client; and

logic to download the one or more selected search indices from the server onto the

client, the one or more selected search indices to be used for searching on the client,

wherein search index related information including index identifier and search engine

identifier is stored in a first table and search index related file attachments are stored in

a second table", **to**

""A system comprising: logic to configure search indices on a server, the search indices

being associated with corresponding business components;

logic to display the search indices to a user of a client, the client being connected to the

server via a computer network and being configured to perform search using data

records stored on the client;

logic to provide the user of the client with a mechanism to individually select one or

more search indices for download onto the client; and

logic to download the one or more selected search indices from the server onto the

client, the one or more selected search indices to be used for searching on the client,

wherein search index related information including index identifier and search engine

identifier is stored in a first table and search index related **to** file attachments are stored

in a second table"; **and**

claim 21 is amended from,

"A machine readable-medium comprising instructions which, when executed by a machine, cause the machine to perform operations including:

configuring search indices on a server, the search indices being associated with corresponding business components;

displaying the search indices to a user of a client, the client being connected to the server via a computer network and being configured to perform search using data records stored on the client;

providing the user of the client with a mechanism to individually select one or more search indices for download onto the client; and

downloading the one or more selected search indices from the server onto the client, the one or more selected search indices to be used for searching on the client, wherein search index related information including index identifier and search engine identifier is stored in a first table and search index related file attachments are stored in a second table", **to**

"A machine readable-medium comprising instructions which, when executed by a machine, cause the machine to perform operations including:

configuring search indices on a server, the search indices being associated with corresponding business components;

displaying the search indices to a user of a client, the client being connected to the server via a computer network and being configured to perform search using data records stored on the client;

providing the user of the client with a mechanism to individually select one or more

search indices for download onto the client; and

downloading the one or more selected search indices from the server onto the client,

the one or more selected search indices to be used for searching on the client, wherein

search index related information including index identifier and search engine identifier is

stored in a first table and search index related **to** file attachments are stored in a second

table".

Reason for Allowable

5. The following is the Examiner's statement of reasons for allowance:

The prior art of record, U.S. Patent 6,334,124 (Techniques for Improving Index

Searches in a Client-Server Environment), issued to Borchard et al., teaches method for

facilitating index searching by a client through records of a data-store. This reference

does not fairly teach search index related information, which includes index identifier,

search engine identifier, and search index related file attachments. Bouchard reference

does not anticipate Claims 1, 11 or 21, where the amended Claim 1 is listed in Item **5.**

Furthermore, combining with the second prior art of record, U.S. Patent 6,546,385

(Methods and Apparatus for Indexing and Searching Content in Hardcopy Documents),

issued to Mao et al., the combined Mao-Bouchard reference does not fairly teach the

following limitations in combination of independent Claims 1, 11 and 21:

configuring search indices on a server, the search indices being associated with

corresponding business components;

displaying the search indices to a user of a client, the client being connected to the server via a computer network and being configured to perform search using data records stored on the client;

providing the user of the client with a mechanism to individually select one or more search indices for download onto the client; and

downloading the one or more selected search indices from the server onto the client, the one or more selected search indices to be used for searching on the client, wherein search index related information including index identifier and search engine identifier is stored in a first table and search index related to file attachments are stored in a second table.
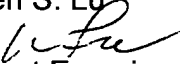
6. Claims 2-3, 5-8 and 10, 12-13, 15-18 and 20, and 22-23, 25-28 and 30 are dependent on 1, 11 and 21, respectively and also distinct from the prior art for the same reason.

7. Any comments considered necessary by Applicants must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Any comments considered necessary by Applicants must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Conclusions

8.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Kuen S Lu whose telephone number is 571-272-4114.

The examiner can normally be reached on 8 AM to 5 PM, Monday through Friday.

If at tempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, John Breene can be reached on 571-272-4107. The fax phone number for

the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is 703-305-3900.

Kuen S. Lu   Luke Wassum

Patent Examiner   Primary Examiner

December 23, 2004   December 23, 2004